

IN THE SPECIFICATION

Please remove Sequence Listing pages 1-37 filed June 25, 2003 and insert Substitute Sequence Listing pages 1-49 enclosed herewith.

REMARKS

The Notice states that the application fails to comply with the requirements of 37 C.F.R. § 1.822 and/or § 1.823 as indicated by the attached marked-up "Raw Sequence Listing." Specifically, the Raw Sequence Listing indicates that the only valid responses for the organism definition field <213> are "Unknown", "Artificial Sequence", or the organism's scientific name (Genus/Species). The Raw Sequence Listing also indicates that the "Other Information" field (numeric identifiers <220> to <223>) must explain the source of the genetic material where the "Organism" (field <213>) is "Unknown." The Notice indicates that applicant must provide a substitute computer readable form (CRF) copy of the Sequence Listing and a statement that the content of the CRF copy of the Sequence Listing is identical to the written copy.